

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sheueling Chang Shantz et al.
Title: METHOD AND APPARATUS FOR IMPLEMENTING PROCESSOR
INSTRUCTIONS FOR ACCELERATING PUBLIC-KEY
CRYPTOGRAPHY

Application No.: 10/789,311 Filed: February 27, 2004

Examiner: Not yet assigned Group Art Unit: 2124

Atty. Docket No.: 004-30132

July 21, 2004

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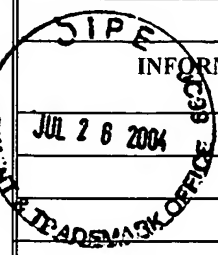
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Respectfully submitted,



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 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Application No.: 10/789,311 Applicant(s): Sheueling Chang Shantz et al. Filing Date: February 27, 2004 Group Art Unit: 2124 Date Submitted: July 21, 2004
NON PATENT LITERATURE DOCUMENTS		
*Examiner Initial	Cite No.	(Including name of author in capital letters, title of article, title of item, date, pertinent pages, volume-issue number(s), publisher, city and/or country where published.)
	AA	Intel® Itanium™ Processor, "High Performance On Security Algorithms (RSA Decryption Kernel)," Intel Corporation, 2001, pp. 1-8.
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	AC	Cohn, Leonard Allen, "Generate-Propagate Adders," ChoPP Computer Corporation, prior to 2000, pp. 1-16.
	AD	Fairchild, "F100K ECL Data Book," Fairchild Camera and Instrument Corporation, 1982, pp. 3-177 – 3-178.
	AE	Großschädl, Johann, "Instruction Set Extension for Long Integer Modulo Arithmetic on RISC-Based Smart Cards," Proceedings of the 14 th Symposium on Computer Architecture and High Performance Computing, 2002, 7 pages.
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	AL	D. Bailey and C. Paar, "Optimal Extension Fields for Fast Arithmetic in Public-Key Algorithms." In H. Krawczyk, editor, Advances in Cryptography – CRYPTO '98, volume LNCS 1462, pages 472-485. Springer-Verlag, 1998. http://citeseer.ist.psu.edu/article/bailey98optimal.html , 14 pages.
	AM	H. Pietiläinen, "Elliptic Curve Cryptography on Smart Cards," Master's Thesis, Helsinki University of Technology, Oct. 12, 2000, pp. i-81.
	AN	F. Morain and J. Olivos, "Speeding Up the Computations on an Elliptic Curve Using Addition-Subtraction Chains," Rapport de Recherche 983, INRIA, France, March 1989, http://citeseer.ist.psu.edu/morain90speeding.html , pp. 119-130.
	AO	
	AP	
	AQ	
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